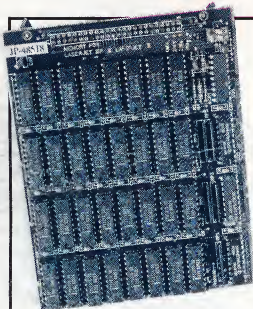


Printers

Hewlett Packard
LaserJet™ Memory

Upgradeable memory
modules for the LaserJet II™
and III™ family.

HP LaserJet Memory



- LaserJet II™ memory modules allow for 1MB, 2MB or 4MB of memory. Upgrade when your printing needs demand it.
- LaserJet IID™ memory modules allow for 2MB or 4MB of memory. 2MB is necessary for duplex (2-sided) printing.
- LaserJet IIP™ & III™ memory modules allow for 1MB, 2MB, 3MB or 4MB of memory.
- These upgradeable memory modules allow you to fine tune your memory needs with your printing requirements. If your printer is on a network you will undoubtedly require three or four megabytes for spooling and queueing.
- Five-year warranty on parts and labor.

Newer™ TECHNOLOGY carries memory upgrades for many of today's major printer brands.

Call the Memory Hotline, 1-800-678-DRAM, toll-free about upgrading your laser printer's memory.

Newer
TECHNOLOGY

Newer™ TECHNOLOGY is a wholly owned
subsidiary of Spectrum Engineering

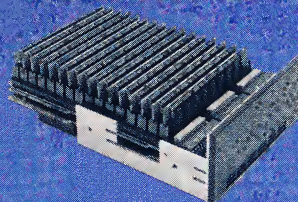
7803 E. Osie, Suite 105
Wichita, Kansas 67207

Newer
TECHNOLOGY

MEMORY SHOWCASE

INTRODUCING

The revolutionary new
SCSI Dart™
Hardware RAM Drive



see pages 8 and 9

Call toll-free for more information

1-800-678-DRAM
1-800-678-3726

Newer™ Technology

INDEX	PAGE
-------	------

AT Bus Memory	3
------------------------	---

PS/2™ Memory	6
-----------------------	---

Hardware RAM Drives	8
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Compaq™ Memory	12
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Macintosh™ Memory	14
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Printer Memory	Back Cover
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AT Bus Memory

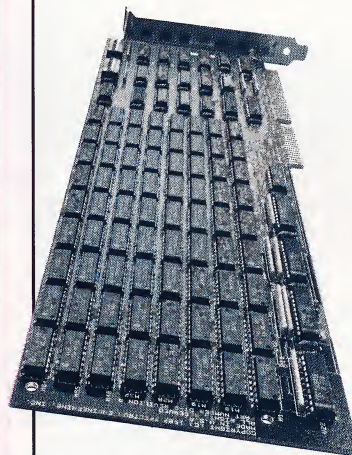
Attention!2™

Attraction™

Concentration™

The flexible way to add up to 8MB of high speed "AT" Extended Memory using only one slot.

Attention!2™



- For all 286/386 computers running DOS™, WINDOWS™, OS/2™, XENIX™ and UNIX 386™.
- Increase Conventional (DOS) Memory and "AT" Extended Memory simultaneously for the best memory utilization.
- "Zero-Wait-State" operation supported in certain machines.
- Fully upgradeable. Add 2MB of one mega-bit RAM chips as your memory needs grow.
- Five-year warranty on parts and labor.

AT Bus Memory

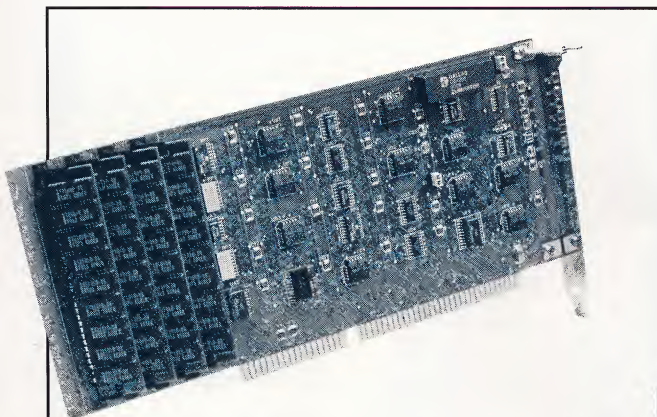
Attention!2™

Attraction™

Concentration™

Add up to 8MB of high speed
"AT" Extended Memory to
your 286/386 PC.

Attraction™



- For all 286/386 computers running DOS™, WINDOWS™, OS/2™, XENIX™ and UNIX™. This board grows with your needs.
- Increase Conventional (DOS) Memory and "AT" Extended Memory simultaneously for the best possible memory utilization.
- "Zero-Wait-State" operation supported in certain machines. Gain maximum productivity from your hardware investment.
- Fully upgradeable. Add pairs of one megabyte SIMMs as your memory needs grow.
- Switchless installation. Setup software guides you through the installation process.
- Five-year warranty on parts and labor.

AT Bus Memory

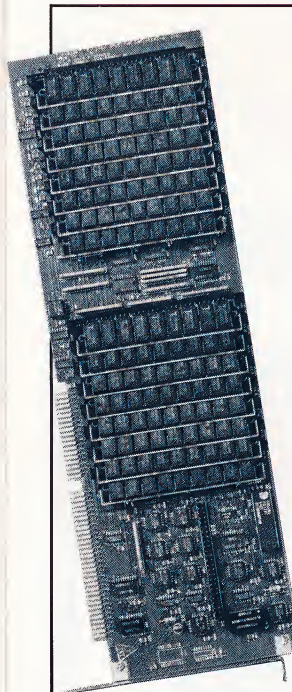
Attention!2™

Attraction™

Concentration™

Maximize performance in a
286/386 with up to 16MB of
EMS 4.0 or Extended
Memory on one board.

Concentration™



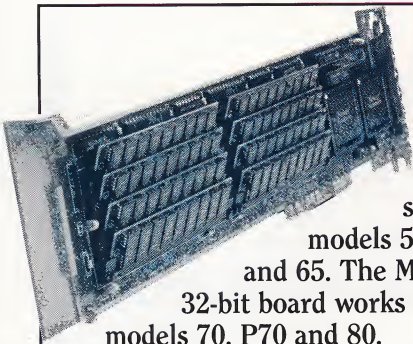
- Full hardware and software support of LIM EMS 4.0 and 3.2.
- Increase Conventional (DOS) Memory, "AT" Extended, LIM EMS 4.0 and RAM Disk Memory simultaneously for the best possible memory utilization. Four memory modes from one board!
- Supports both DESQview™ and WINDOWS™ multi-tasking environments.
- Fully upgradeable. Add 256K or one megabyte SIMMs as your memory needs grow.
- Switchless installation. Setup software guides you through the installation process.
- Five-year warranty on parts and labor.

PS/2™ Memory

Memoryzation™
Memoryzation2™
PS/2™ SIMMs

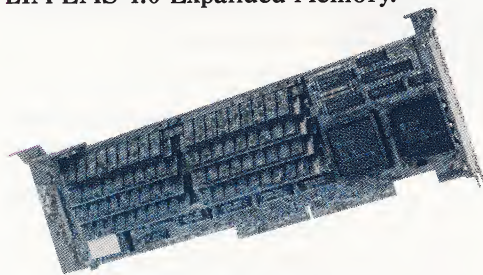
Access to up to 8MB of memory for 16-Bit Micro Channel Architecture (MCA) computers or 8MB of 32-Bit memory using only one expansion slot.

Memoryzation™ & Memoryzation2™



■ The Memoryzation™ board fits popular MCA 16-bit computers such as IBM PS/2 models 50, 50Z, 55, 60 and 65. The Memoryzation2™ 32-bit board works in IBM PS/2™ models 70, P70 and 80.

- Supports DOS™, WINDOWS™, OS/2™, XENIX™, and UNIX™. Start with 2MB to 4MB now and expand as your memory needs grow.
- Full support for Extended Memory and LIM EMS 4.0 Expanded Memory.



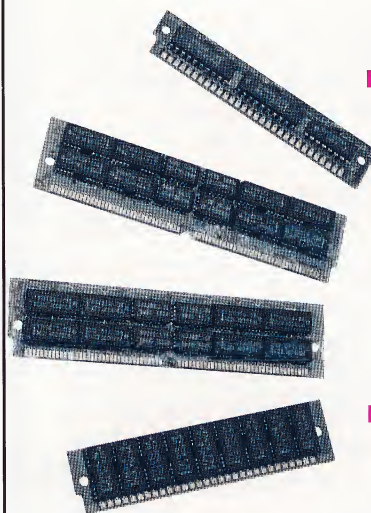
- Runs "Zero-Wait-State" in IBM PS/2™ computers.
- Fast, easy installation. Just follow the software instructions and your board is installed and running in minutes.
- Five-year warranty on parts and labor.

PS/2™ Memory

Memoryzation™ & Memoryzation2™
PS/2™ SIMMs

The entire line of IBM PS/2™ SIMMs offers flexibility and reasonable pricing for people seeking high-speed motherboard or memory board upgrades.

IBM Compatible PS/2™ SIMMs



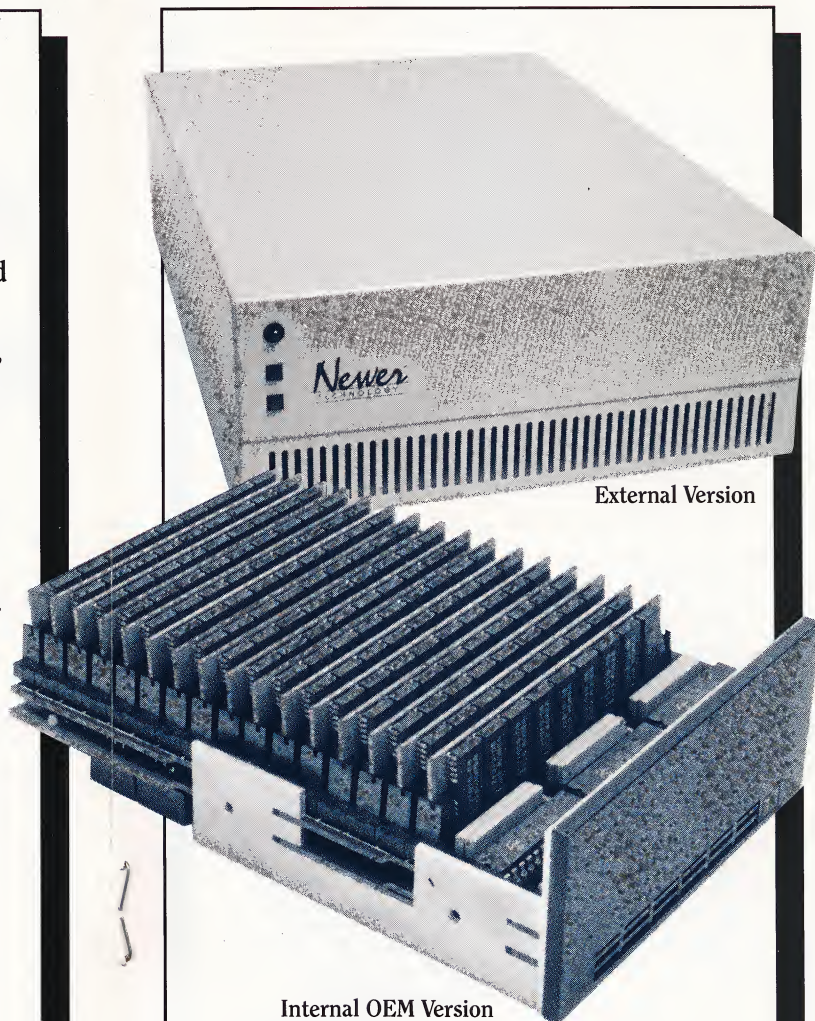
- 512K, 1MB, 2MB and 4MB upgrade kits available. These memory products may be used with a variety of system hardware.
- Fast, 80 nanosecond chips used on all SIMMs.
- Fully compatible with all IBM hardware.
- Runs "Zero-Wait-State" in IBM PS/2™ computers.
- Installation is fast and easy.
- All SIMMs are tested extensively and burned-in to ensure maximum reliability.
- Five-year warranty on parts and labor.

Solid-state, non-volatile, ultra-fast RAM Drive. Holds up to 128MB of SIMM memory. Reduces hours of tedious disk I/O jobs into just minutes.

*A-3500 UP
with standard simms.*

SCSI Dart™

- Handles files effortlessly with less than 0.5ms access time, less than 0.5ms seek time, track-to-track time of 0ms and latency (disk rotation lag) of 0ms.
- Due to ultra-fast access time, SCSI Dart will outperform the best conventional hard disk drives.
- Use SCSI Dart to store all your Macintosh, PC and PS/2 applications. The unit's complete flexibility allows you to use it on multiple hardware platforms.
- Use of industry-standard SIMMs for storage means small physical size and very competitive pricing.
- Configure a system to suit today's requirements and easily expand it to meet tomorrow's.
- Easy software setups. No switches to deal with.
- Two-year warranty on parts and labor.

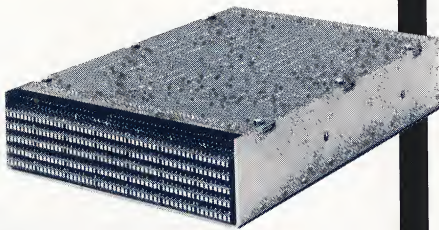


Hardware RAM Drives**SCSI Dart™
DartCard™ &
ULTIMA™**

Up to 96MB of non-volatile RAM Drive memory for internal use in ISA 286/386 and EISA 386/486 computers. Turn hours of disk I/O waiting time into just minutes.

DartCard™

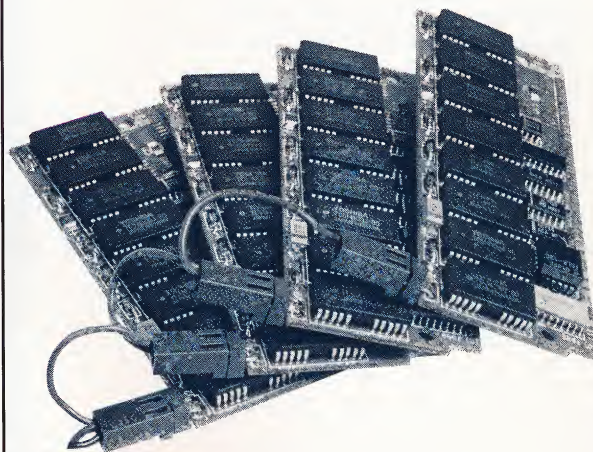
- Handles files effortlessly with less than 0.5ms access time, less than 0.5ms seek time, track-to-track time of 0ms and latency (disk rotation lag) of 0ms.
- Data access times are 50 times quicker than those of fast hard drives. There is no faster drive available anywhere at this price.
- Comes with its own dedicated high speed controller card which uses only one expansion slot. The DartCard unit mounts in an internal 5-1/4" full- or half-height drive bay just like a standard hard drive.
- Modular design allows easy upgrades with 8MB cards so your DartCard system can grow with your needs.
- Easy software setups. No switches to set.
- Two-year warranty on parts and labor.

**Hardware RAM Drives****SCSI Dart™
DartCard™ &
ULTIMA™**

Ultra-high-speed totally non-volatile motherboard-based RAM Disk Drive. Accessed at full CPU speed, not the slower expansion bus speeds.

ULTIMA™

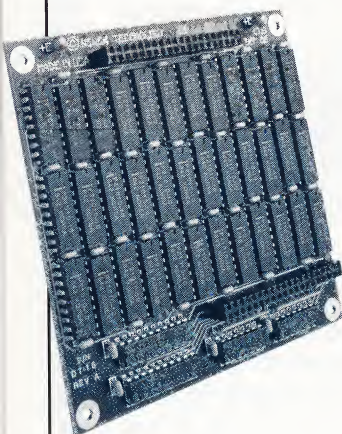
- Available in 4MB increments. You can add as little, or as much as you need, subject only to the memory expansion rules of the computer you use.
- Each ULTIMA™ kit comes with a small internal UPS battery backup to provide up to 5 days backup protection to help guard against power outages and ensure data integrity.
- Depending upon CPU speed, you will achieve 4MB to 15MB per second data transfer rates. Speed far beyond the bounds of even the fastest hard disk drives.
- Easy setups. No switches to deal with.
- Five-year warranty on parts and labor.



Compaq™ Memory**ADDitiON™****Multiplication™****Multiplication/S™**

Increase your System Memory up to the maximum with this line of 16-Bit and 32-Bit, high-speed memory in your Compaq Systempro™, Deskpro™, Laptop or Portable computer.

ADDitiON™



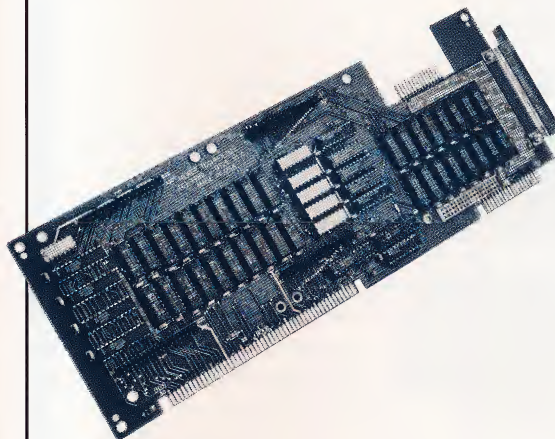
- 1MB, 2MB, 4MB and 8MB modules available for use with Compaq Deskpro™ and Systempro™ models. Get flexibility across the entire Compaq product line.
- 1MB, 2MB and 4MB memory modules available for Compaq's™ Laptop, Portable and new network-oriented line of computers.

- All modules fully support parity error checking.
- Simple plug-in installation means future upgrades will be fast and easy to perform with no hidden upgrade costs.

Compaq™ Memory**ADDitiON™****Multiplication™****Multiplication/S™**

Available in either 1MB or 4MB configurations for your Deskpro 386/20e™ and 386/25e™ and also in a 4MB configuration for your Deskpro 386s™.

Multiplication™ & Multiplication/S™



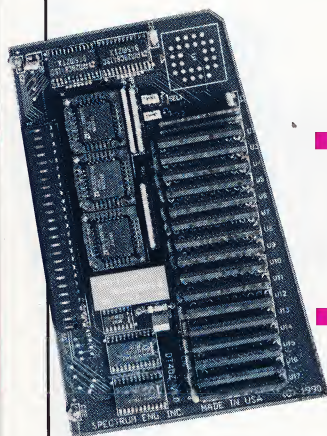
- Flexibility to add ADDitiON 1MB and 4MB boards later, when your computing needs increase. The Multiplication boards allow for a clear upgrade path.
- Multiplication and Multiplication/S fully support parity error checking.
- Fully compatible with Compaq's 1MB and 4MB System Memory boards.
- Simple installation and configuration.
- Five-year warranty on parts and labor.

Macintosh™ Memory

Mac Portable
Memory Card
Macintosh SIMMs

Don't settle for small system performance on your Portable. Get maximum performance by upgrading with 2MB to 8MB of reliable add-in memory.

Mac Portable Memory Card



- 2MB to 8MB card with no piggybacks. Leaves the Processor Direct Slot (PDS) open for future expansion cards.
- Available in socketed or soldered versions holding 2MB, 4MB, 6MB or 8MB.
- Uses ultra-low power ZIP DRAM for longer battery life.
- Induces no "Wait-States" into the operation of the Macintosh Portable computer.
- Easy to install and easy to upgrade.
- Tested with Systems 6.0.4, 6.0.5 and with new System 7.
- Five-year warranty on parts and labor.

Macintosh™ Memory

Mac Portable
Memory Card
Macintosh™ SIMMs

Get the memory you need for today's "memory-intensive" applications and tomorrow's multitasking environments.

Macintosh™ SIMMs



- Upgrade your Plus, SE or Classic to 2.5MB or 4MB with fast 80ns SIMMs. Take them with you when you move up to a faster Macintosh.
- Upgrade the Macintosh II™ family of computers with as little as 1MB of additional memory to 32MB of total system memory.
- Free up your computer faster and use more fonts when you add up to 12MB of special SIMMs to your LaserWriter™ II NTX.
- 4MB SIMMs are supplied with MAXIMA™ software rated 4-1/2 Mice by MacUser magazine. MAXIMA allows the configuration of 8MB to 15MB of Operating System Memory with all remaining memory being set up as a semi-non-volatile RAM Drive.
- FASTdrive™ RAM Disk software allows users with 8MB or less to set up a portion of their System Memory to be an ultra-fast RAM Disk Drive.
- Five-year warranty on parts and labor.

MACWORLD

JAN

91

UNDATED